

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092023\
 Data File : BM041942.D
 Acq On : 20 Sep 2023 17:25
 Operator : MA/JU
 Sample : 04436-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B103-05

Quant Time: Sep 20 17:55:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	280936	20.000	ng	-0.01
21) Naphthalene-d8	10.775	136	1171126	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	756722	20.000	ng	-0.01
64) Phenanthrene-d10	17.357	188	1631705	20.000	ng	-0.01
76) Chrysene-d12	21.527	240	1330166	20.000	ng	-0.02
86) Perylene-d12	23.945	264	1201682	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1596290	94.640	ng	0.00
7) Phenol-d6	7.105	99	2226157	95.057	ng	0.00
23) Nitrobenzene-d5	9.152	82	1367371	59.447	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	913255	96.727	ng	-0.01
45) 2-Fluorobiphenyl	13.222	172	2990824	58.011	ng	-0.01
79) Terphenyl-d14	19.968	244	4721009	64.641	ng	0.00

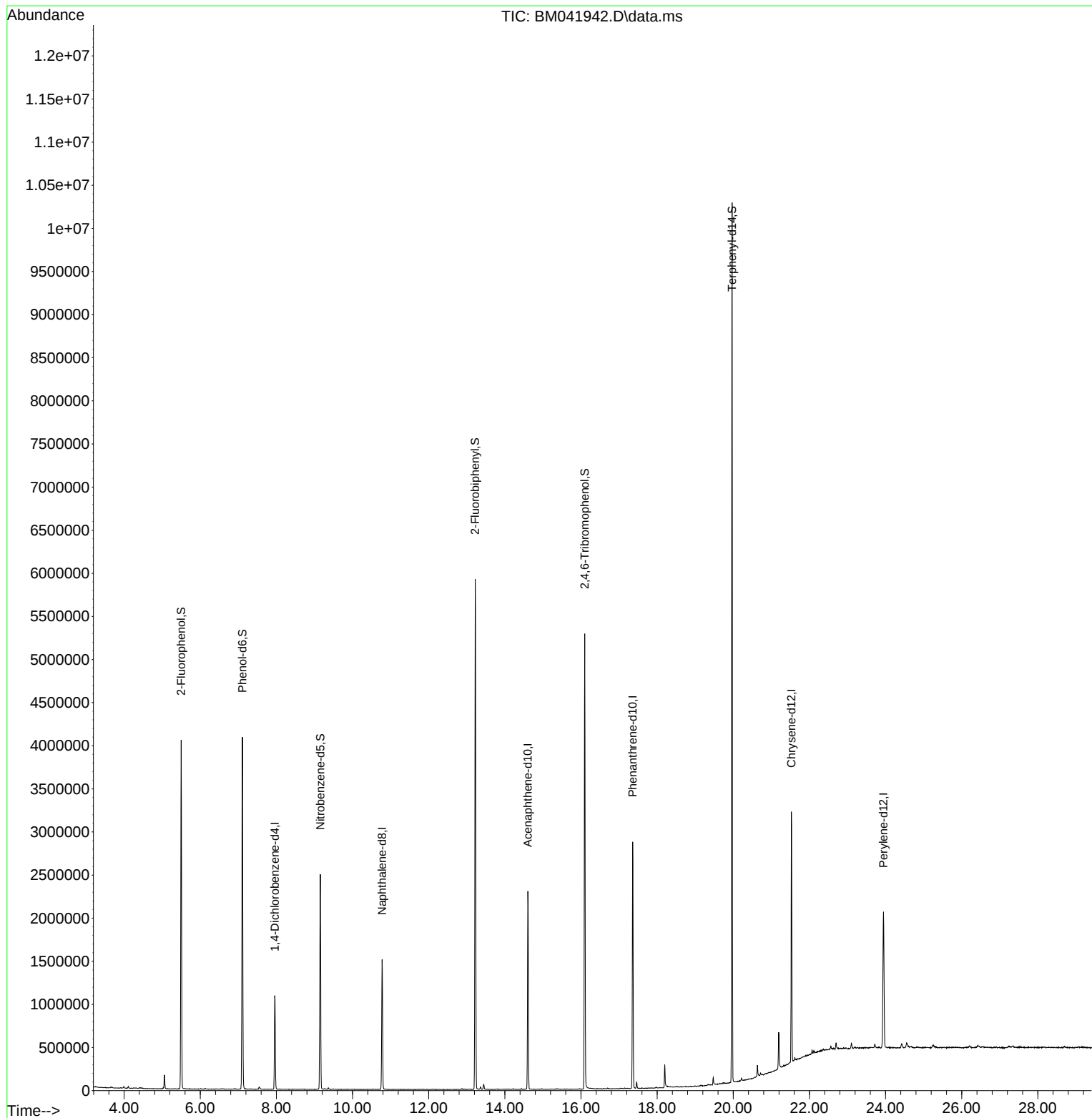
Target Compounds	Qvalue

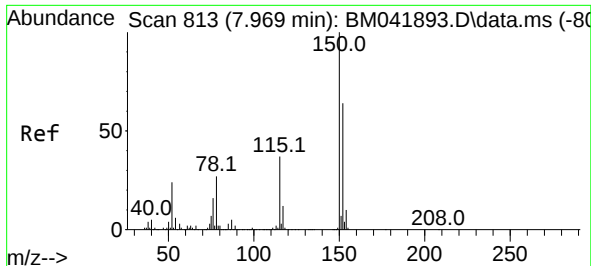
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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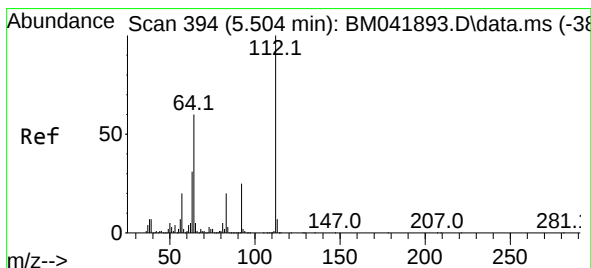
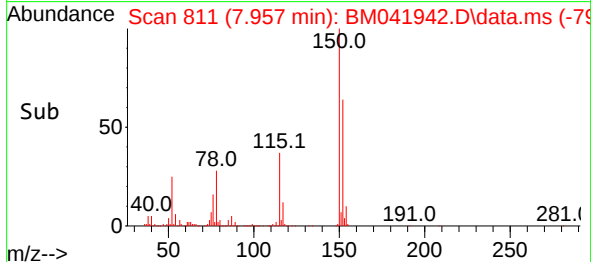
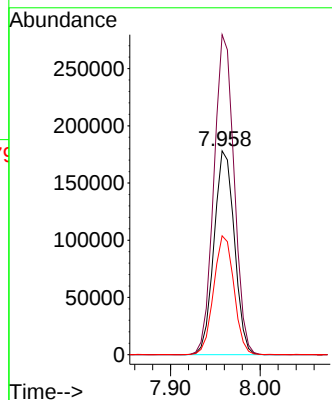
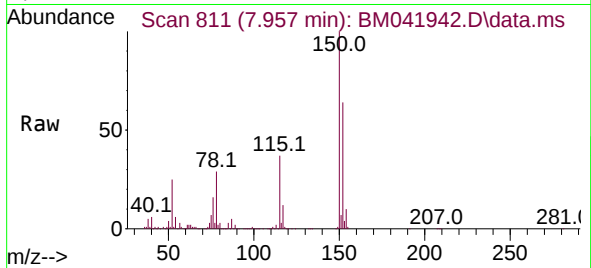




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 813
Delta R.T. -0.012 min
Lab File: BM041942.D
Acq: 20 Sep 2023 17:25

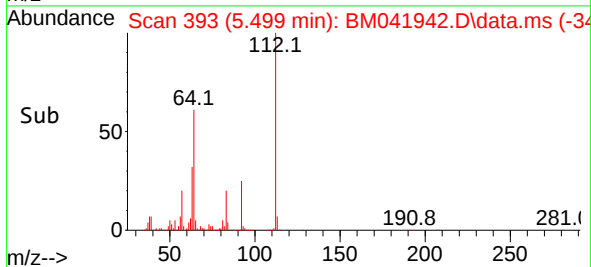
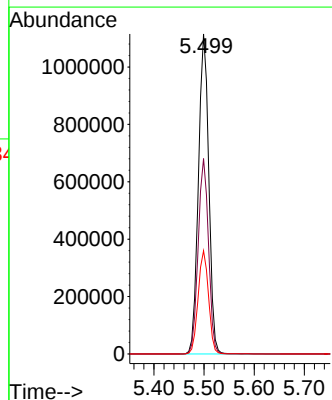
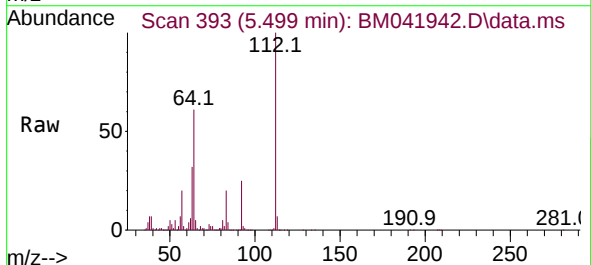
Instrument :
BNA_M
ClientSampleId :
B103-05

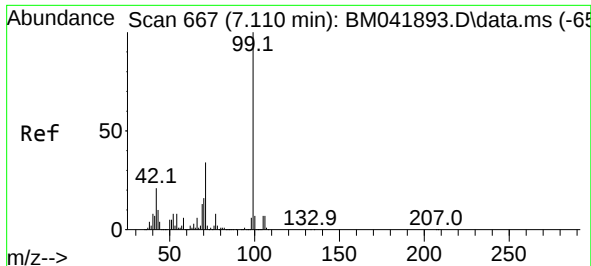
Tgt Ion:152 Resp: 280936
Ion Ratio Lower Upper
152 100
150 157.0 125.9 188.9
115 58.3 46.8 70.2



#5
2-Fluorophenol
Concen: 94.640 ng
RT: 5.499 min Scan# 393
Delta R.T. -0.006 min
Lab File: BM041942.D
Acq: 20 Sep 2023 17:25

Tgt Ion:112 Resp: 1596290
Ion Ratio Lower Upper
112 100
64 61.1 48.1 72.1
63 32.2 25.0 37.6

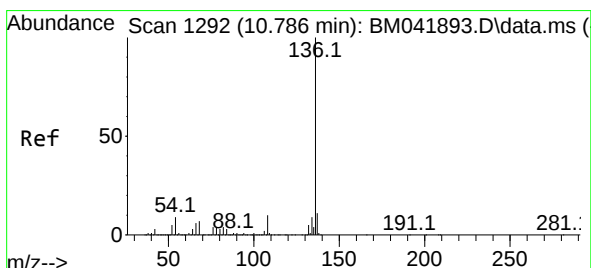
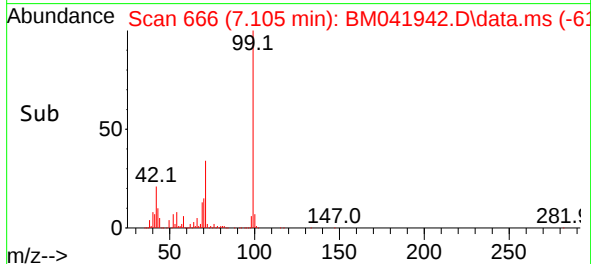
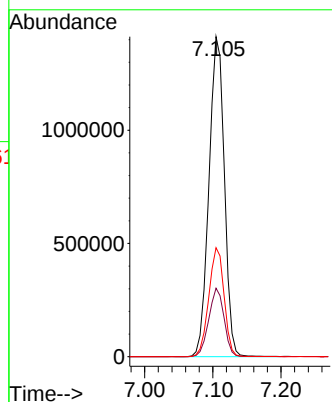
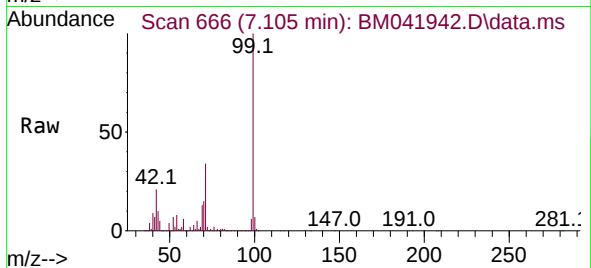




#7
Phenol-d6
Concen: 95.057 ng
RT: 7.105 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM041942.D
Acq: 20 Sep 2023 17:25

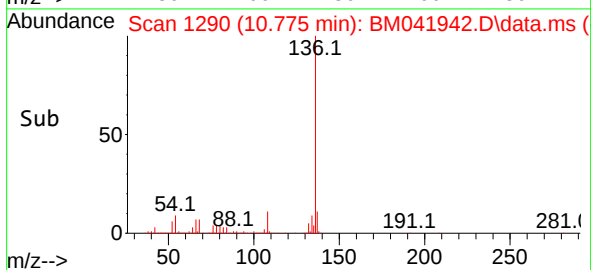
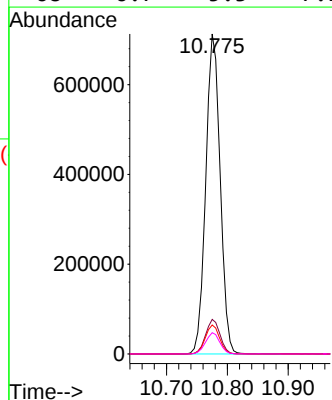
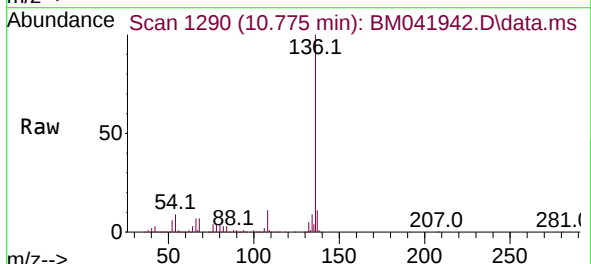
Instrument :
BNA_M
ClientSampleId :
B103-05

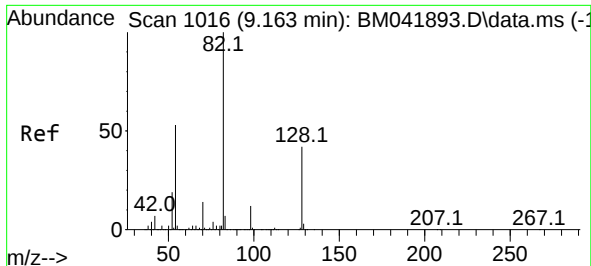
Tgt Ion: 99 Resp: 2226157
Ion Ratio Lower Upper
99 100
42 21.4 16.6 25.0
71 34.0 26.8 40.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BM041942.D
Acq: 20 Sep 2023 17:25

Tgt Ion: 136 Resp: 1171126
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 7.0 10.4
68 6.7 5.3 7.9





#23

Nitrobenzene-d5

Concen: 59.447 ng

RT: 9.152 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BM041942.D

Acq: 20 Sep 2023 17:25

Instrument :

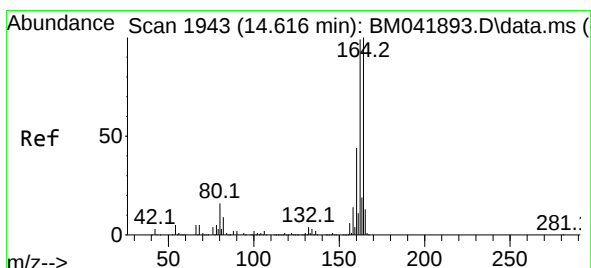
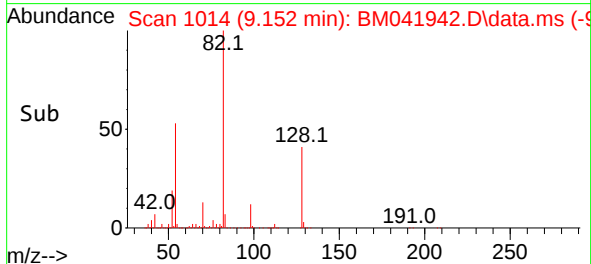
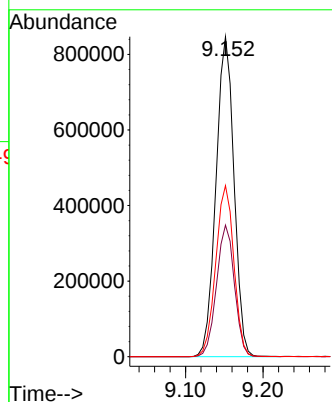
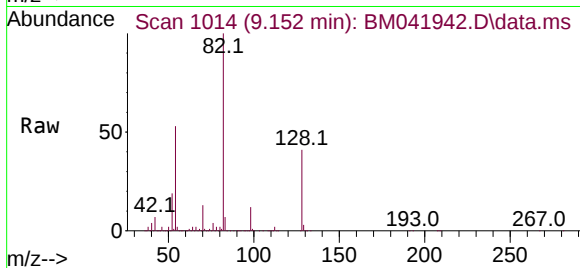
BNA_M

ClientSampleId :

B103-05

Tgt Ion: 82 Resp: 1367371

Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.8	50.6
54	53.4	42.8	64.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.604 min Scan# 1941

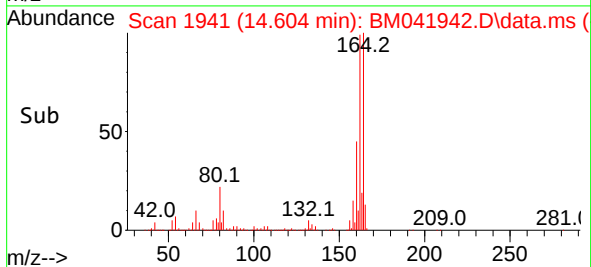
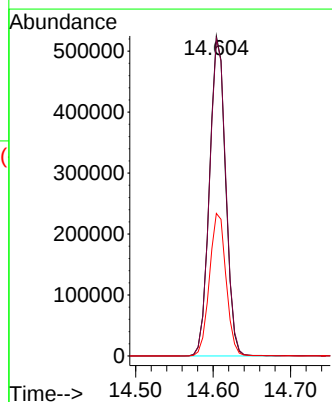
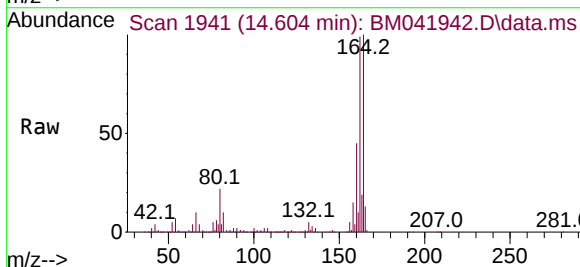
Delta R.T. -0.012 min

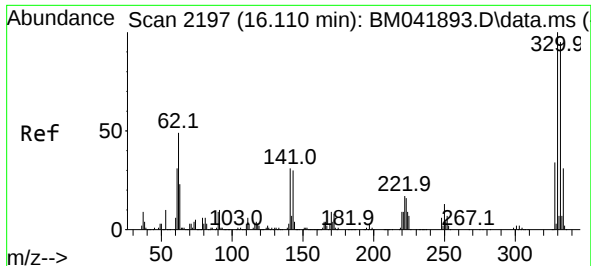
Lab File: BM041942.D

Acq: 20 Sep 2023 17:25

Tgt Ion:164 Resp: 756722

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.3	118.9
160	44.5	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 96.727 ng

RT: 16.098 min Scan# 21

Delta R.T. -0.011 min

Lab File: BM041942.D

Acq: 20 Sep 2023 17:25

Instrument :

BNA_M

ClientSampleId :

B103-05

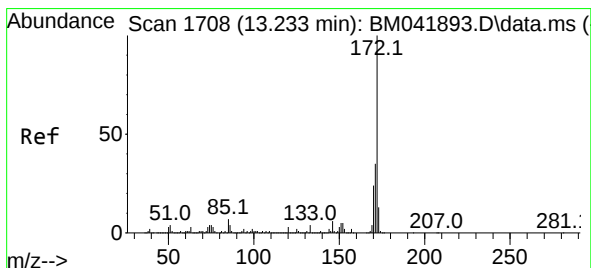
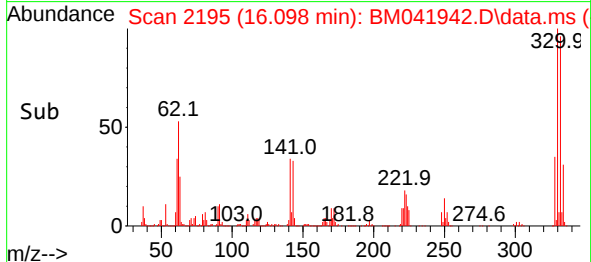
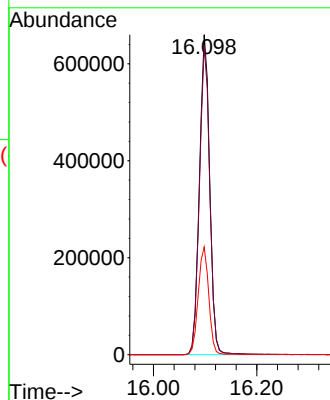
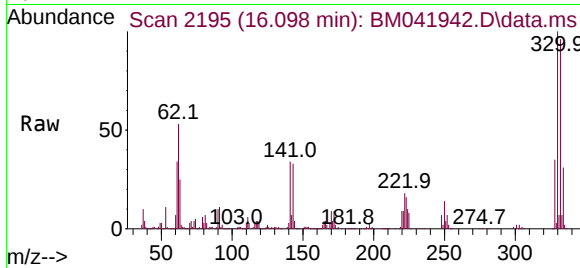
Tgt Ion:330 Resp: 913255

Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.6

141 34.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 58.011 ng

RT: 13.222 min Scan# 1706

Delta R.T. -0.011 min

Lab File: BM041942.D

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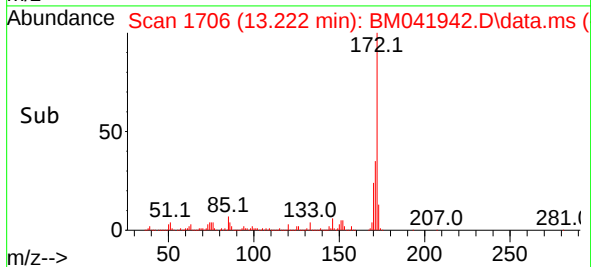
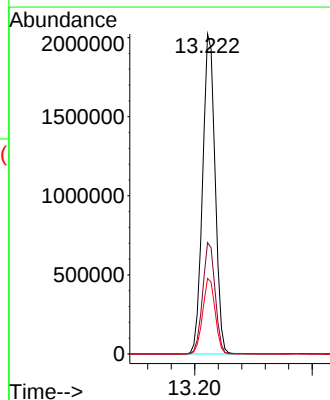
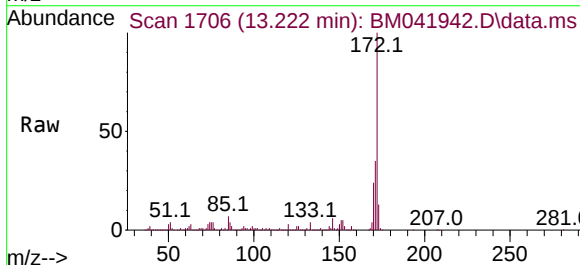
Tgt Ion:172 Resp: 2990824

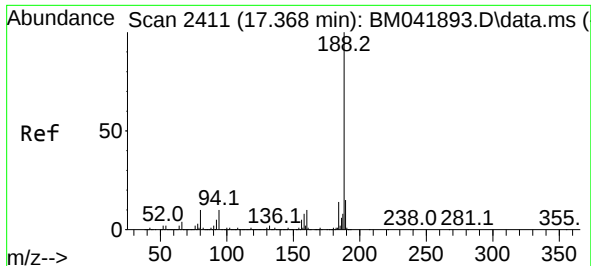
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.6 19.1 28.7

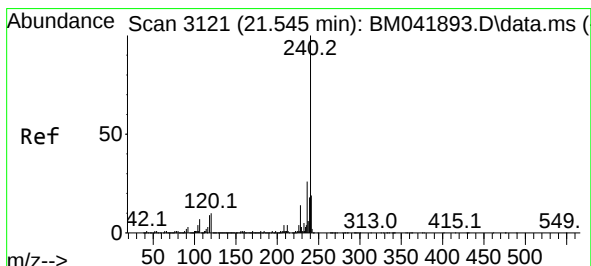
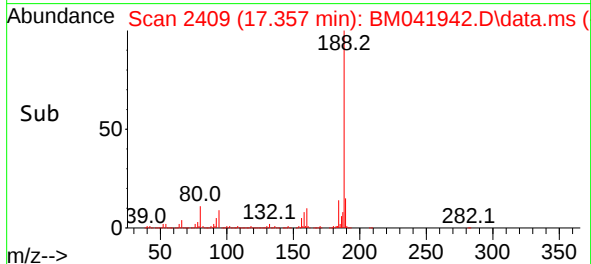
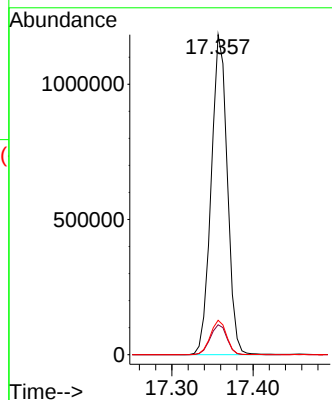
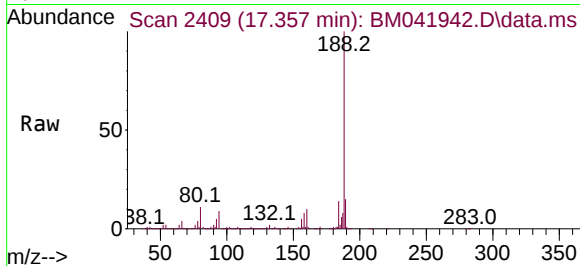




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BM041942.D
Acq: 20 Sep 2023 17:25

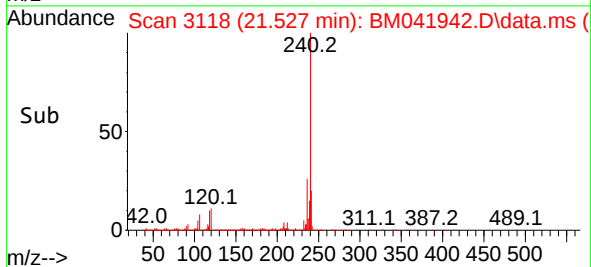
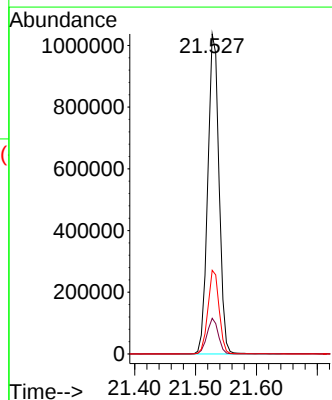
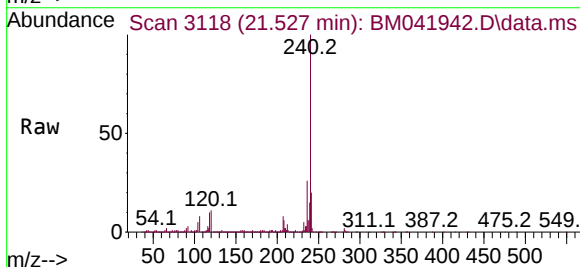
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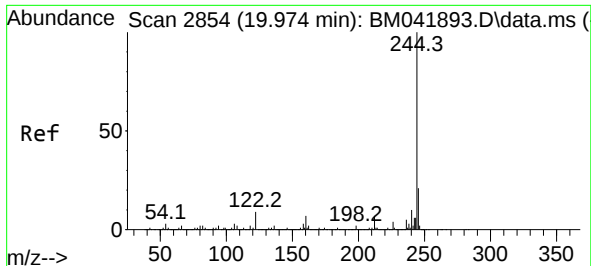
Tgt Ion:188 Resp: 1631705
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 10.7 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.527 min Scan# 3118
Delta R.T. -0.017 min
Lab File: BM041942.D
Acq: 20 Sep 2023 17:25

Tgt Ion:240 Resp: 1330166
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.1 20.7 31.1

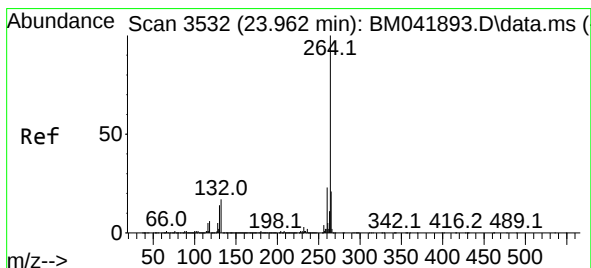
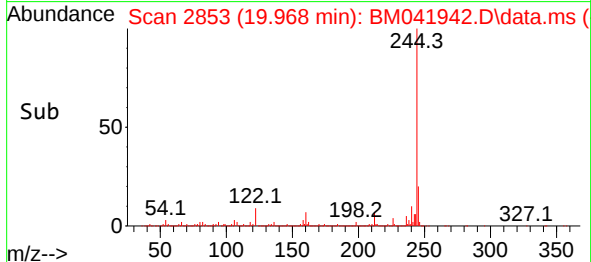
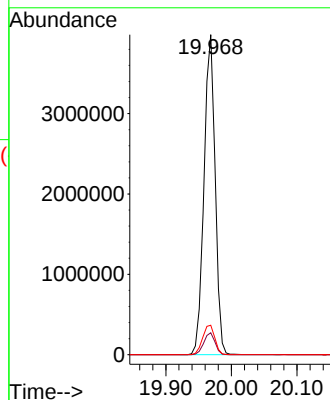
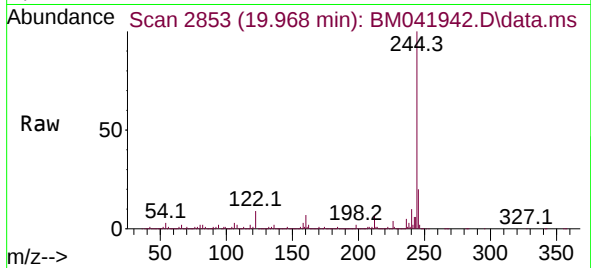




#79
 Terphenyl-d14
 Concen: 64.641 ng
 RT: 19.968 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041942.D
 Acq: 20 Sep 2023 17:25

Instrument :
 BNA_M
 ClientSampleId :
 B103-05

Tgt Ion:244 Resp: 4721009
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.2 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.945 min Scan# 3529
 Delta R.T. -0.017 min
 Lab File: BM041942.D
 Acq: 20 Sep 2023 17:25

Tgt Ion:264 Resp: 1201682
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.7 17.0 25.6

